

17. (Once Amended) The method as set forth in claim 16, with the step of processing the header further including the steps of:

detecting, at a processing frequency, the header in the [packet-]spread-spectrum signal;

outputting, responsive to detecting the header, a header-detection signal; and

generating, responsive to the header-detection signal, control and timing signals.

20. (Once Amended) The method as set forth in claim 16, further including, before the step of processing the header, translating the [packet-]spread-spectrum signal from a carrier frequency to a processing frequency.

22. (Once Amended) A [packet] receiver comprising:

header-detection means for processing a header in a [packet-]spread-spectrum signal, to generate a reference signal;

receiver-spread-spectrum means, coupled to said header-detection means[, responsive to the reference signal,] for despreading a multichannel-spread-spectrum signal embedded in the [packet-]spread-spectrum signal as a plurality of received spread-spectrum channels, respectively; and

multiplexing means, coupled to said receiver-spread-spectrum means, for multiplexing the plurality of received spread-spectrum channels as received data and for outputting the received data to a data output.

23. (Once Amended) The [packet] receiver as set forth in claim 22, with said header-detection means including means for detecting, at a processing frequency, the header in the [packet-spread-spectrum signal and for outputting, responsive to detecting the header, a header-detection signal, and for generating, from the header-detection signal, control and timing signals.

24. (Once Amended) The [packet] as set forth in claim 22 or 23, further including, after said multiplexing means, receiver-memory means for storing the received data.

25. (Once Amended) The [packet] receiver as set forth in claim 22 or 23, further including, after said multiplexing means, decoding means for decoding the received data.

26. (Once Amended) The [packet] receiver as set forth in claim 22, further including translating means for shifting the packet-spread-spectrum signal from the carrier frequency to a processing frequency.

27. (Once Amended) A [packet] receiver comprising:  
a header-detection device for processing the header in a [packet-spread-spectrum signal to generate a reference signal;

receiver-spread-spectrum means[, coupled to said header-detection device,] for despreading a multichannel-spread-

spectrum signal embedded in the [packet-]spread-spectrum signal as a plurality of received spread-spectrum channels, respectively; and

a multiplexer, coupled to said receiver-spread-spectrum means, for multiplexing the plurality of received spread-spectrum channels as received data.

28. (Once Amended) The [packet] receiver as set forth in claim 27, with said header-detection device further including means for detecting, at the processing frequency, the header in the [packet-]spread-spectrum signal, for outputting, responsive to detecting the header, a header-detection signal, and for generating, from the header-detection signal, control and timing signals.

29. (Once Amended) The [packet] receiver as set forth in claim 27 or 28, further including, after said multiplexer, a receiver memory for storing the received data.

30. (Once Amended) The [packet] receiver as set forth in claim 27 or 28, further including, after said multiplexer, a decoder for decoding the received data.

31. (Once Amended) The [packet] receiver as set forth in claim 27, further including a translating device for translating the packet-spread-spectrum signal from the carrier frequency to a processing frequency.